

FY 2007 CRC Calculation

(May 1, 2006)

				Projected beginning balance for FY2007 per financial cash flow analysis
				Basin Fund Target Balance = 15% *PAE
				Per financial cash flow analysis plus projected additional revenue from rate adjustment
Step 1	BFBB	Basin Fund Beginning Balance (\$)	\$ 50,765,000	Per financial cash flow analysis
	BFTB	Basin Fund Target Balance	\$ 22,270,950	=PAR-PAE
	PAR	Projected Annual Revenue (\$) w/o CRC	\$ 160,620,000	=BFBB + NR
	PAE	Projected Annual Expense (\$)	\$ 148,473,000	FY '07 Shp energy allocation excluding project use
	NR	Net Revenue (\$)	\$ 12,147,000	Projected generation from the most current 24-month study, does not include project use
	NB	Net Balance (\$)	\$ 62,912,000	Forecasted Energy Purchase (GWh) from the most current 24 month study
Step 2	EA	SHP Energy Allocation (GWh)	4,753.14	Average price = 60% onpeak + 40% offpeak
	HE	Forecasted Hydro Energy (GWh)	5,230.58	Estimated purchased power costs based upon most current 24-month study.
	FE	Forecasted Energy Purchase (GWh)	-	If NB is greater than BFTB then use FA1=FX, if NB is less than BFTB then use FX-(BFTB-NB) Formula is: =IF(NB>BFTB,FX,FX-(BFTB-NB))
	Price	Average price per MWh for purchased power	\$ 59.90	If NR is greater than -25% of BFBB then FX, if NR is less than -25% of BFBB then, FX+(NR+ (25% * BFBB)) Formula is: =IF(NR>-(0.25*BFBB),FX,FX+(NR+(0.25*BFBB)))
	FX	Forecasted Energy Purchase Expense (\$)	\$ 11,396,802	Funds available for firming purchases
Step 3	FA1	Basin Fund Balance Factor (\$)	\$ 11,396,802	=FX-FA
	FA2	Revenue Factor (\$)	\$ 11,396,802	Equals the lesser of SHP or HE + (FE * (FA / FX))
	FA	Funds Available (\$) (Lesser of FA1 or FA2)	\$ 11,396,802	Percent of waiver level to full SHP
	FARR	Additional Revenue to be Recovered (FX-FA)	\$ -	= EA-WL (Does not include losses projected at 7.81%) Percent of CRCE to full SHP or CRCE/EA =FARR / (EA * 1000)
Step 4	WL	Waiver Level (GWh)	5,231	
	WLP	Waiver level percentage of full SHP	110%	
	CRCE	CRC Energy GWh (EA-WL)	0	
	CRCEP	CRC level percentage of full SHP	0%	
		CRC	Cost Recovery Charge (mills/kWh)	-
Note: Cash flow projections 4/06 April 2006, 24 month study				